

Fig. 1

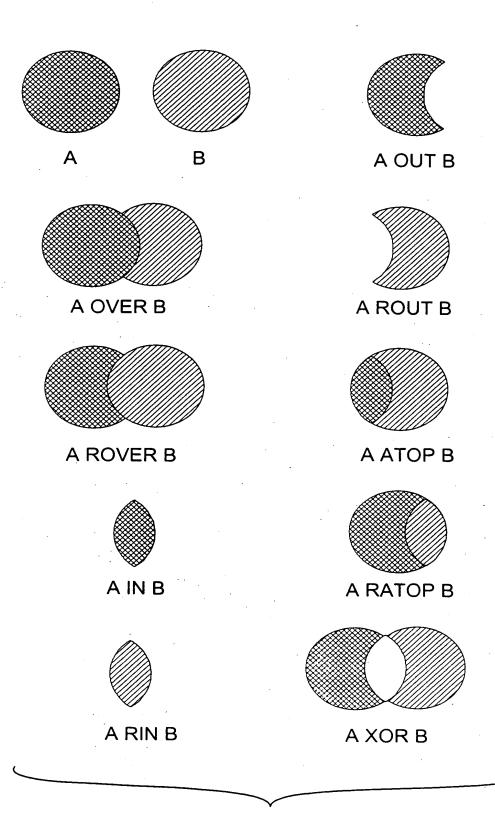
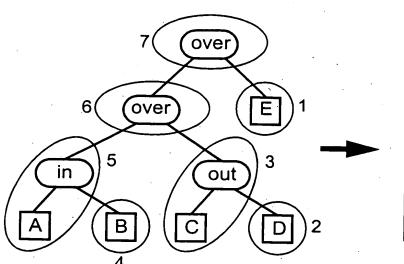
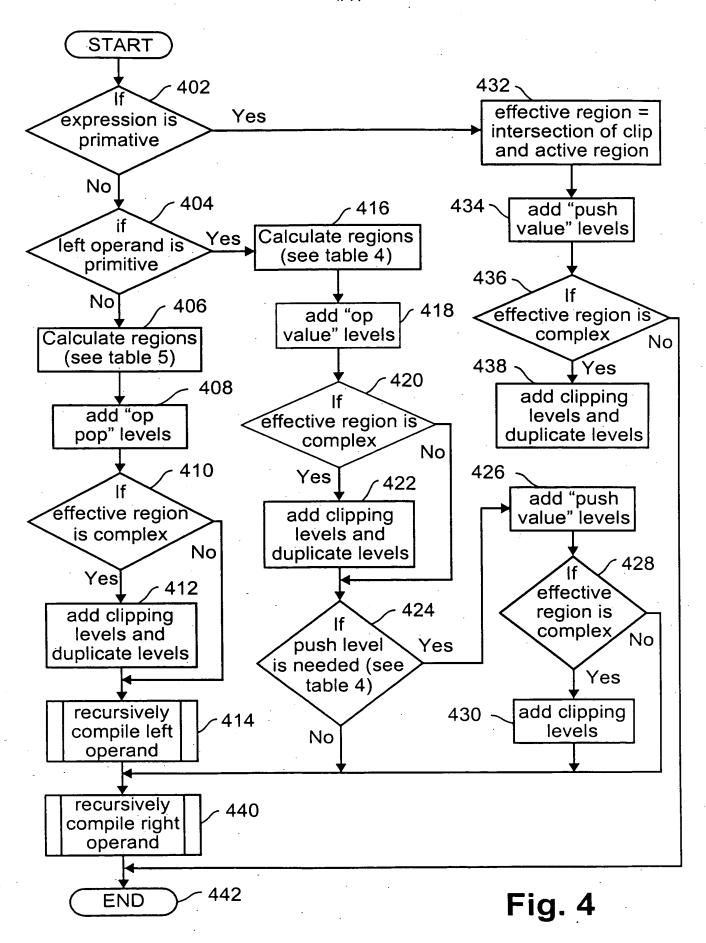


Fig. 2



operation	fill
over	pop
over	pop
in	Α
push	В
out	С
push	D
push	Ε

Fig. 3



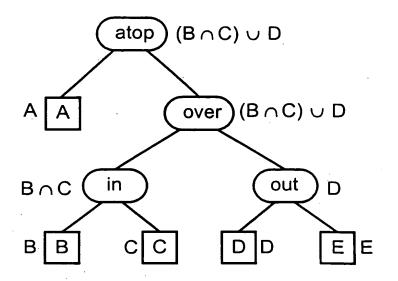


Fig. 5

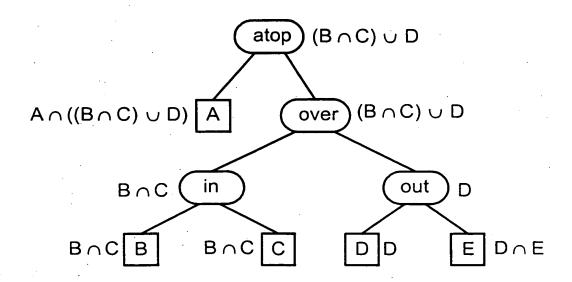


Fig. 6

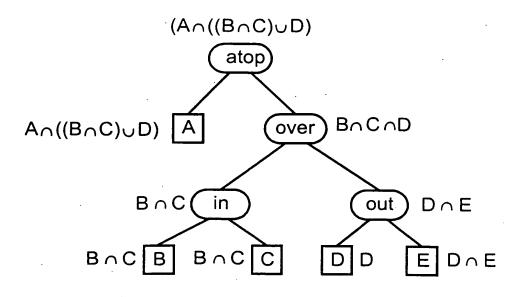


Fig. 7

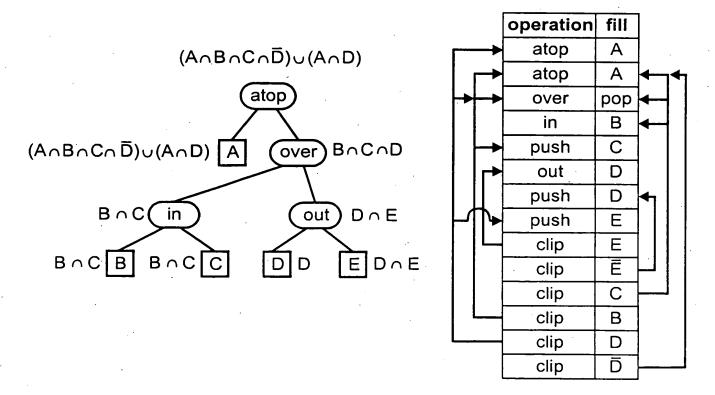
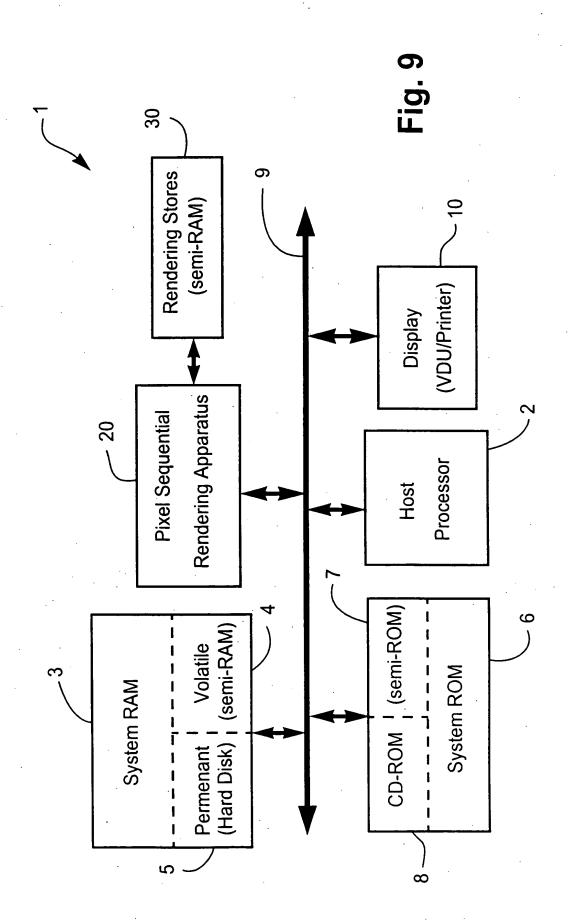


Fig. 8



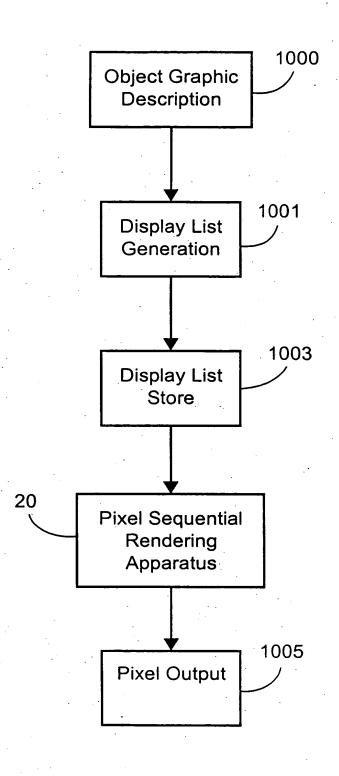
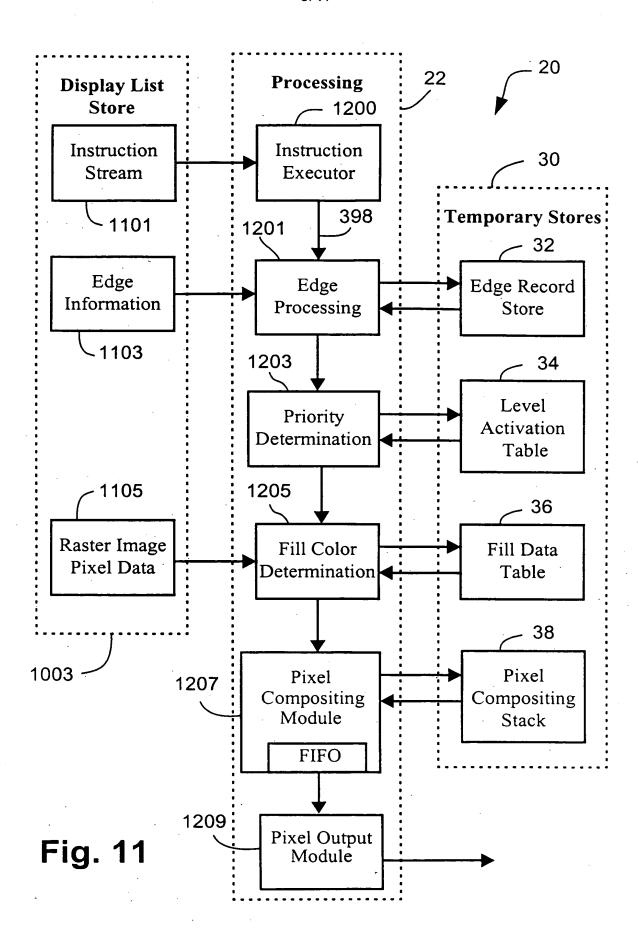


FIG. 10



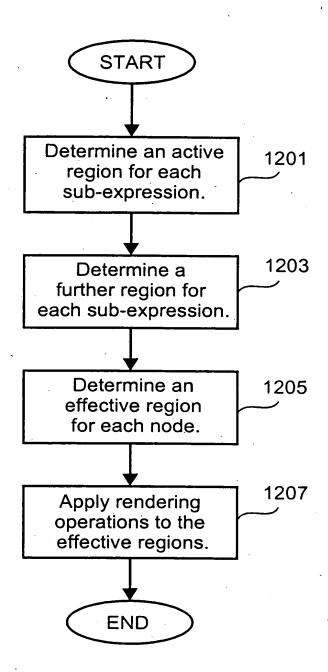


Fig. 12

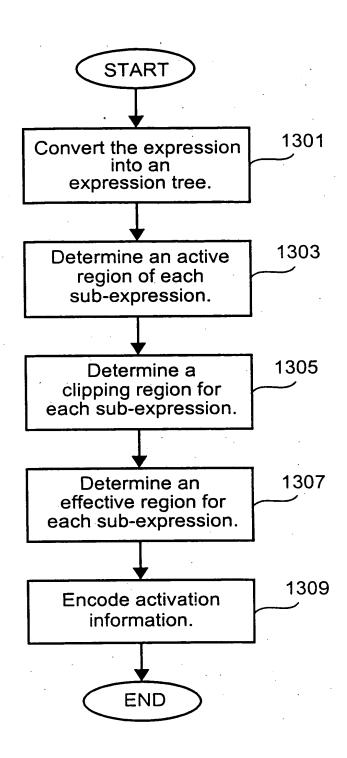
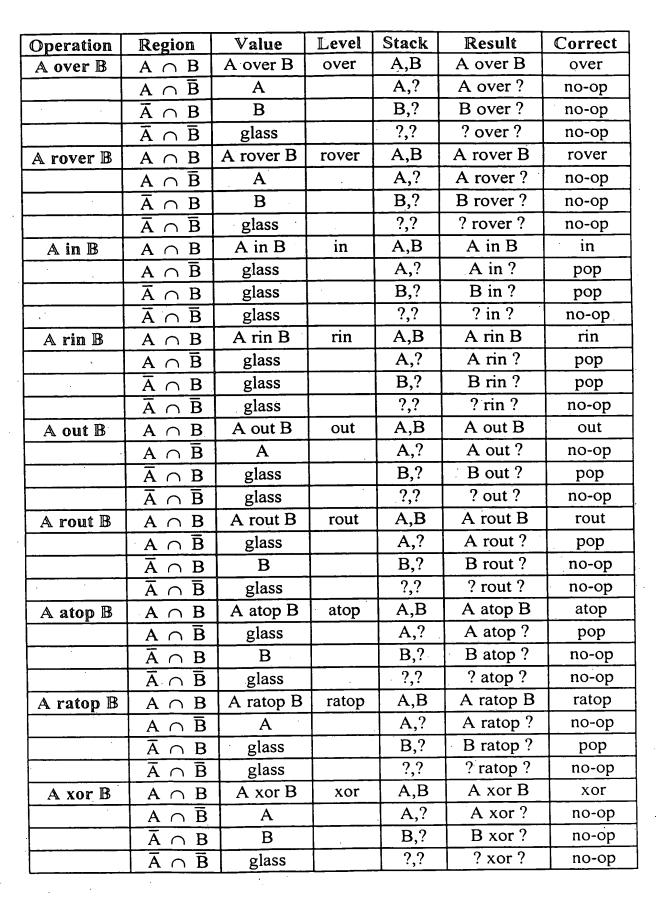


Fig. 13

Operation	Region	Value	Level	Stack	Daguella	T 6	
A over B	$A \cap B$	A over B	over A	B	Result A over B	Correct	
	$A \cap \overline{B}$	A	0,01,11	?	A over 8	A over pop	
	$\bar{A} \cap B$	В	 	В		push A	
	$\bar{A} \cap \bar{B}$	glass		?	B ?	no-op	
A rover B	$A \cap B$	A rover B	rover A	B		no-op	
AZ TOVET ID	$A \cap \overline{B}$	A	10VEL A	?	A rover B	Pop	
	 	B	 		A rover?	push A	
	$\overline{A} \cap B$			В	В	no-op	
A in ID	$\bar{A} \cap \bar{B}$	glass	 	?	?	no-op	
A in B	$A \cap B$	A in B	in A	В	A in B	A in pop	
	$A \cap \overline{B}$	glass	ļ	?	A in?	no-op	
	$A \cap B$	glass	·	В	В	pop	
	$\bar{A} \cap \bar{B}$	glass	ļ	?	?	no-op	
A rin B	$A \cap B$	A rin B	rin A	В	A rin B	A rin pop	
<u> </u>	$A \cap B$	glass	ļ	?	A rin?	no-op	
	$\overline{A} \cap B$	glass		В	В	pop	
	$A \cap B$	glass		?	?	no-op	
A out B	$A \cap B$	A out B	out A	В	A out B	A out pop	
	$A \cap \overline{B}$	A		?	A out?	push A	
	$\bar{A} \cap B$	glass		В	В	pop	
	$\bar{A} \cap \bar{B}$	glass		?	?	no-op	
A rout B	$A \cap B$	A rout B	rout A	В	A rout B	A rout pop	
	$A \cap \bar{B}$	glass		?	A rout?	no-op	
	$\overline{A} \cap B$	В		В	В	no-op	
	$\bar{A} \cap \bar{B}$	glass		.?	?	no-op	
A atop B	$A \cap B$	A atop B	atop A	В	A atop B	A atop pop	
	$A \cap \overline{B}$	glass		?	A atop?	no-op	
	$\overline{A} \cap B$	В		В	В	no-op	
	$\bar{A} \cap \bar{B}$	glass		?	?	no-op	
A ratop B	$A \cap B$	A ratop B	ratop A	В	A ratop B	A ratop pop	
	$A \cap \overline{B}$	Α		?	A ratop?	push A	
	$\bar{A} \cap B$	glass		В	В	pop	
	$\bar{A} \cap \bar{B}$	glass		?	?	no-op	
A xor B	$A \cap B$	A xor B	xor A	В	A xor B	A xor pop	
	$A \cap \bar{B}$	Α		?	A xor?	push A	
	$\bar{A} \cap B$	В		В	В	no-op	
•	$\bar{A} \cap \bar{B}$	glass		?	?	no-op	
				Ł			



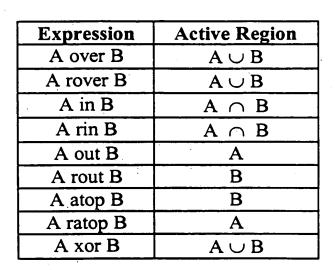


Table 3



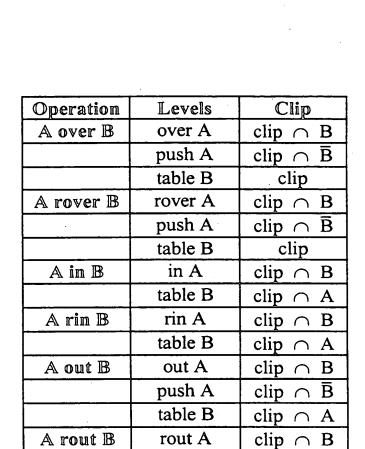


table B

atop A

table B

ratop A

push A

table B

xor A
push A

table B

A atop B

A ratop B

A xor B

clip

clip ∩ B

clip

clip ∩ B

 $clip \cap \overline{B}$

 $\frac{\text{clip} \ \cap \ A}{\text{clip} \ \cap \ B}$

 $clip \cap \overline{B}$

clip

Table 4





	·			
Operation	Levels_	Clip		
A over B	over	$clip \cap A \cap B$		
	table A	clip		
	table B	clip		
A rover B	rover	$clip \cap A \cap B$		
	table A	clip		
	table B	clip		
A in B	in	$clip \cap A \cap B$		
	table A	clip ∩ B		
	table B	clip ∩ A		
A rin B	rin	$clip \cap A \cap B$		
	table A	clip ∩ B		
	table B	clip ∩ A		
A out B	out	$clip \cap A \cap B$		
	table A	clip		
	table B	clip ∩ A		
A rout B	rout	$clip \cap A \cap B$		
	table A	clip ∩ B		
	table B	clip		
A atop B	atop	$clip \cap A \cap B$		
	table A	clip ∩ B		
	table B	clip		
A ratop B	ratop	clip $\cap A \cap B$		
	table A	clip		
	table B	clip \cap A		
A xor B	xor	$clip \cap A \cap B$		
	table A	clip		
·	table B	clip		

Table 5

		٠								
Opaque Region	$\mathrm{O}_{\mathrm{A}} \cup \mathrm{O}_{\mathrm{B}}$	$\mathrm{O}_{\mathrm{A}} \cup \mathrm{O}_{\mathrm{B}}$	$O_{\mathtt{A}} \cap O_{\mathtt{B}}$	$\mathrm{O}_{\mathrm{A}} \cap \mathrm{O}_{\mathrm{B}}$	$ar{\mathbf{B}} \cap \mathbf{O}_{A}$	$ar{ ext{A}}\cap ext{O}_{ ext{B}}$	$O_{ m B}$	O_A	$(\overline{\mathbf{B}} \cap \mathbf{O}_{\mathbf{A}}) \cup$	$(\bar{A} \cap O_B)$
Active Region	$A \cup B$	$A \cup B$	$\mathbf{A} \cap \mathbf{B}$	$\mathbf{A} \cap \mathbf{B}$	$A \cap \overline{O}_{B}$	$\mathtt{B} \cap \bar{\mathtt{O}}_\mathtt{A}$	В	A	$(A \cup B) \cap$	$(\overline{\mathrm{O}}_{\mathrm{A}} \cup \overline{\mathrm{O}}_{\mathrm{B}})$
Clip B	$\mathtt{B} \cap \bar{O}_\mathtt{A}$	B .	$A \cap B \cap \overline{O}_B$	$A \cap B$	$A \cap B$	$A \cap B \cap \bar{O}_A$	$A \cap B \cap \bar{O}_A$	$A \cap B$	$B \cap (\bar{O}_B \cup \bar{O}_A)$	-
Clip A	A	$A \cap \overline{O}_{\mathbb{B}}$	$A \cap B$	$A \cap B \cap \overline{O}_A$	$A \cap B \cap \overline{O}_B$	$A \cap B$	$A \cap B$	$A \cap B \cap \overline{O}_B$	$A \cap (\overline{O}_{\mathbb{B}} \cup \overline{O}_{\mathbb{A}})$	
Expression	A over B	A rover B	A in B	A rin B	A out B	A rout B	A atob B	A ratop B	A xor B	

Table 6